

FIG. 1
(PRIOR ART)

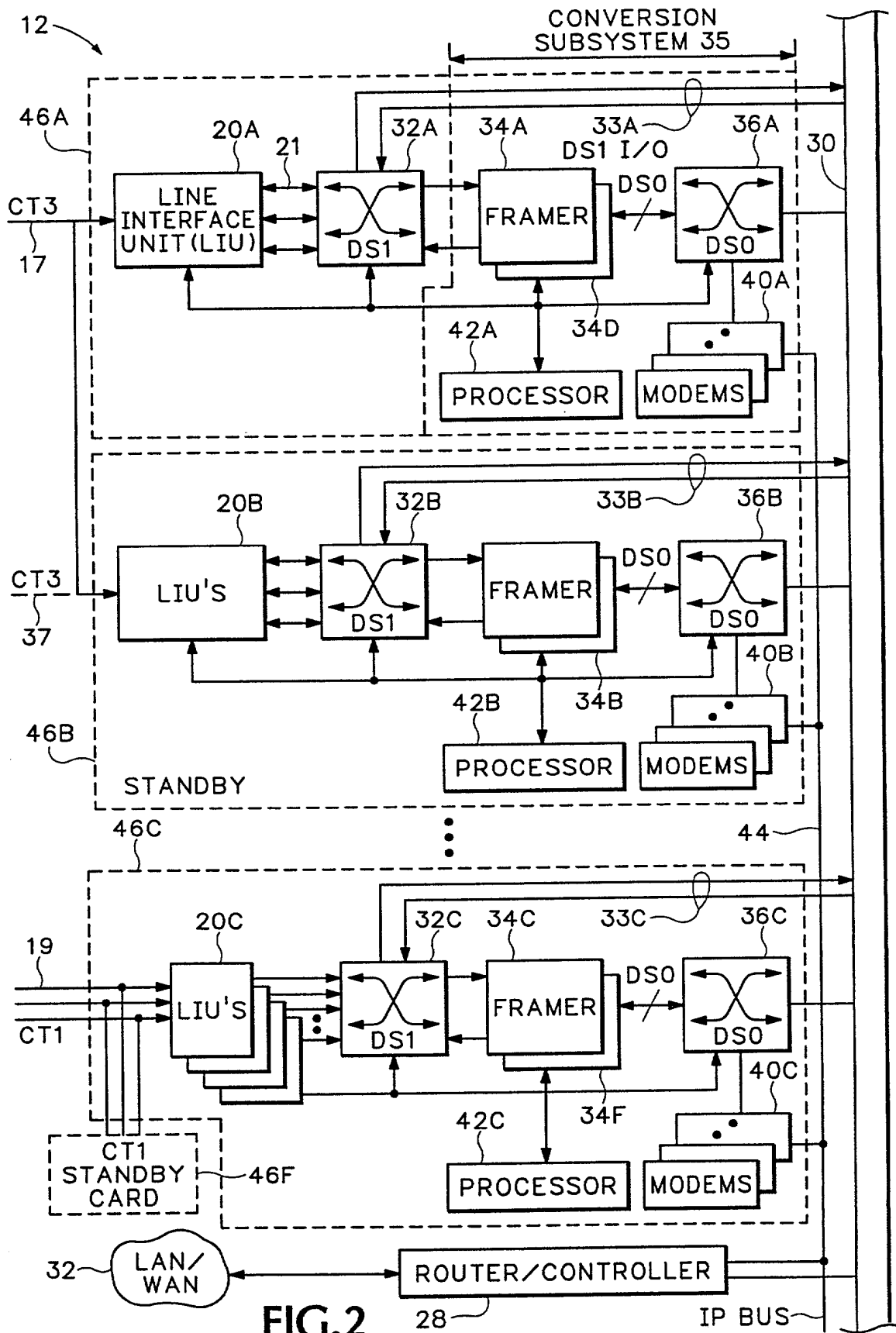
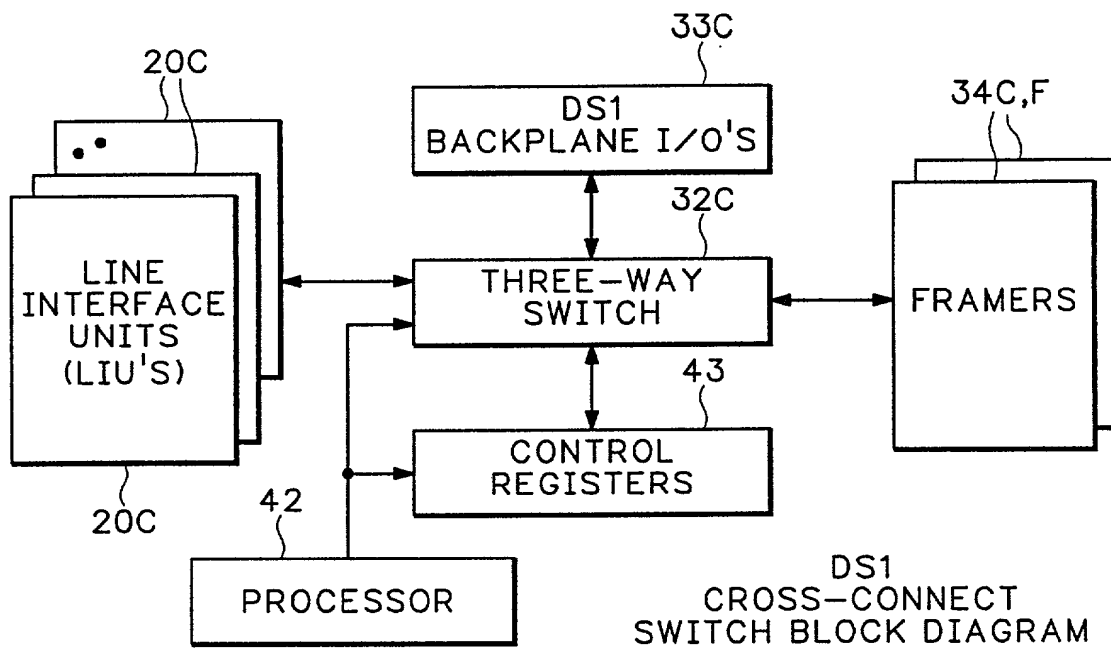


FIG.2



DS1
CROSS-CONNECT
SWITCH BLOCK DIAGRAM

FIG. 3

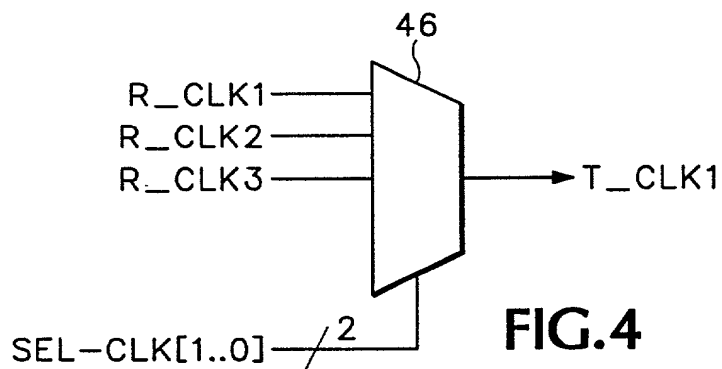
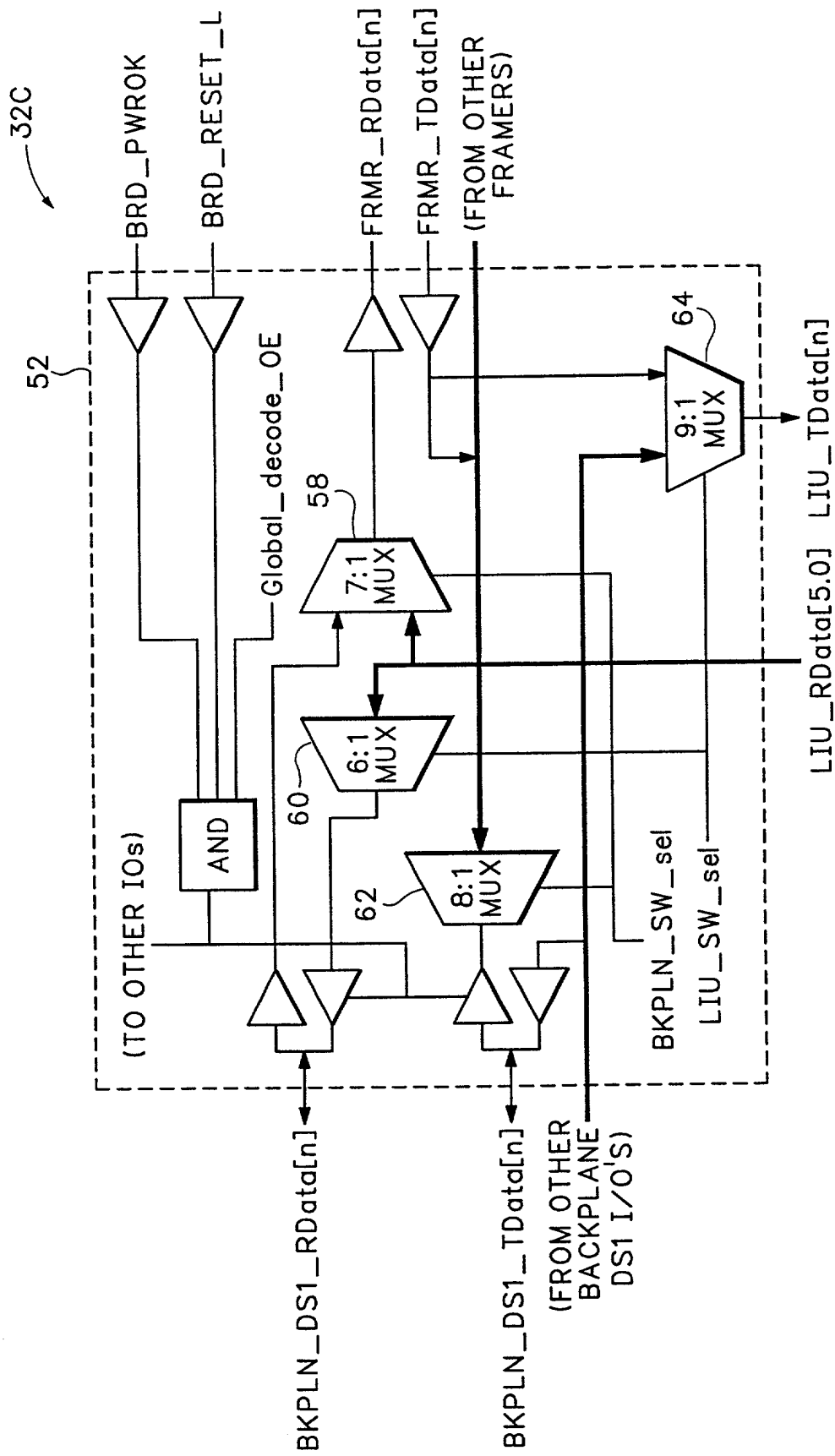


FIG. 4



DS1 CROSS-CONNECT SWITCH

FIG. 5

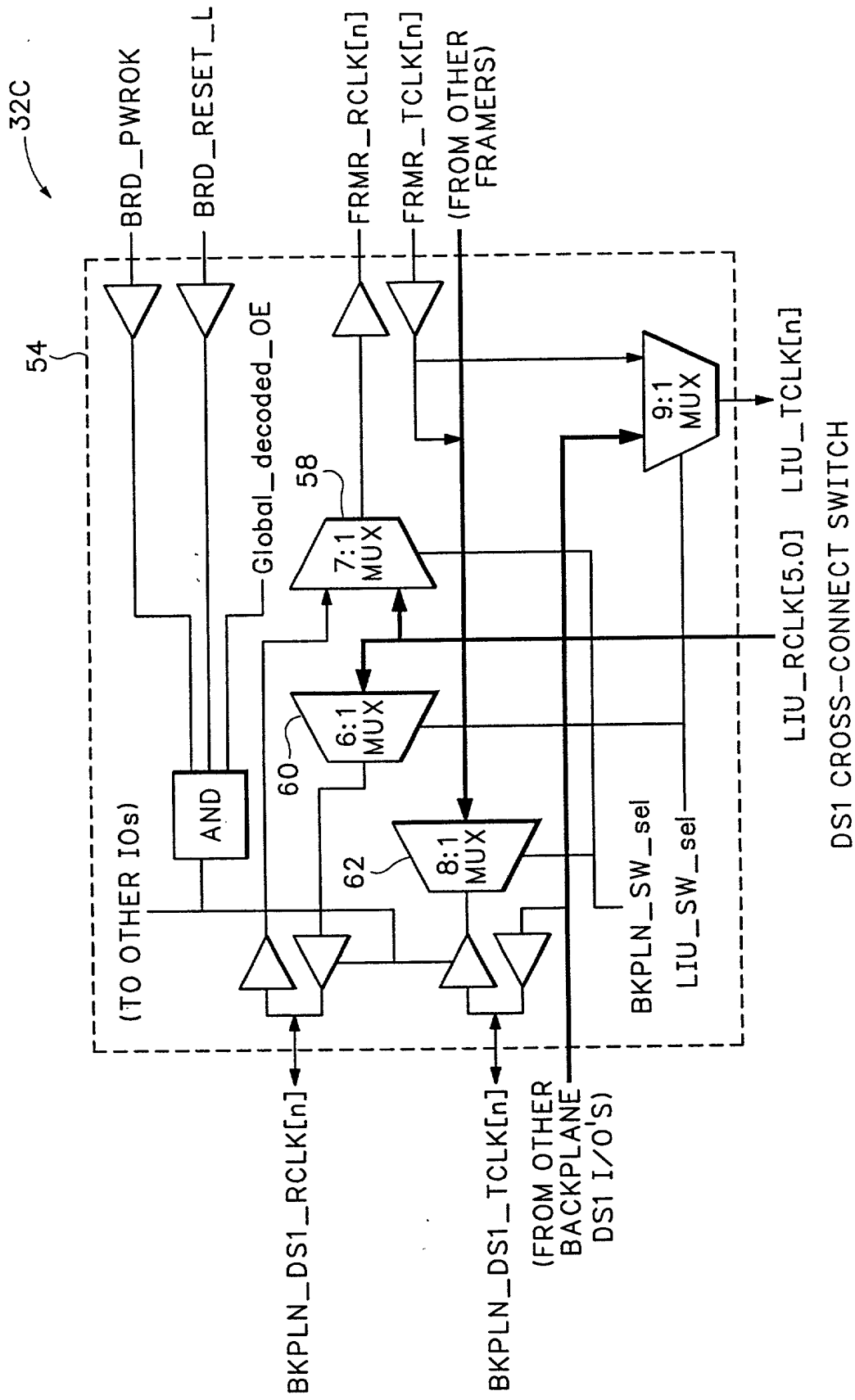
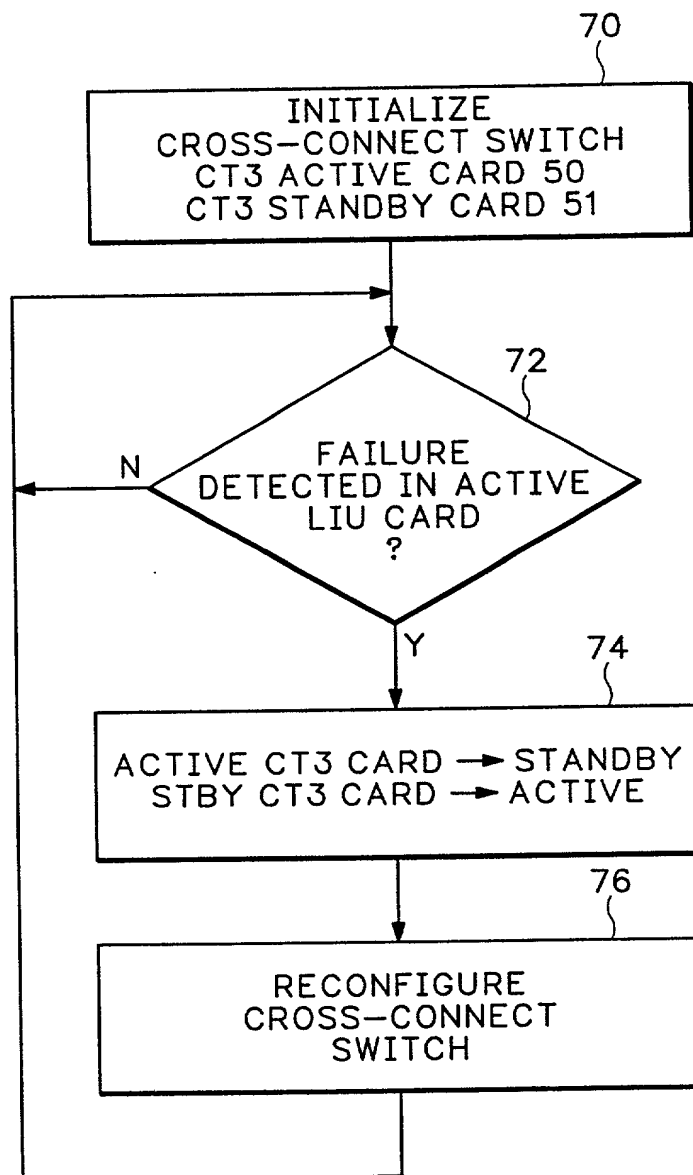


FIG. 5
(CONTINUED)



CT3 LIU FAILURE

FIG.6

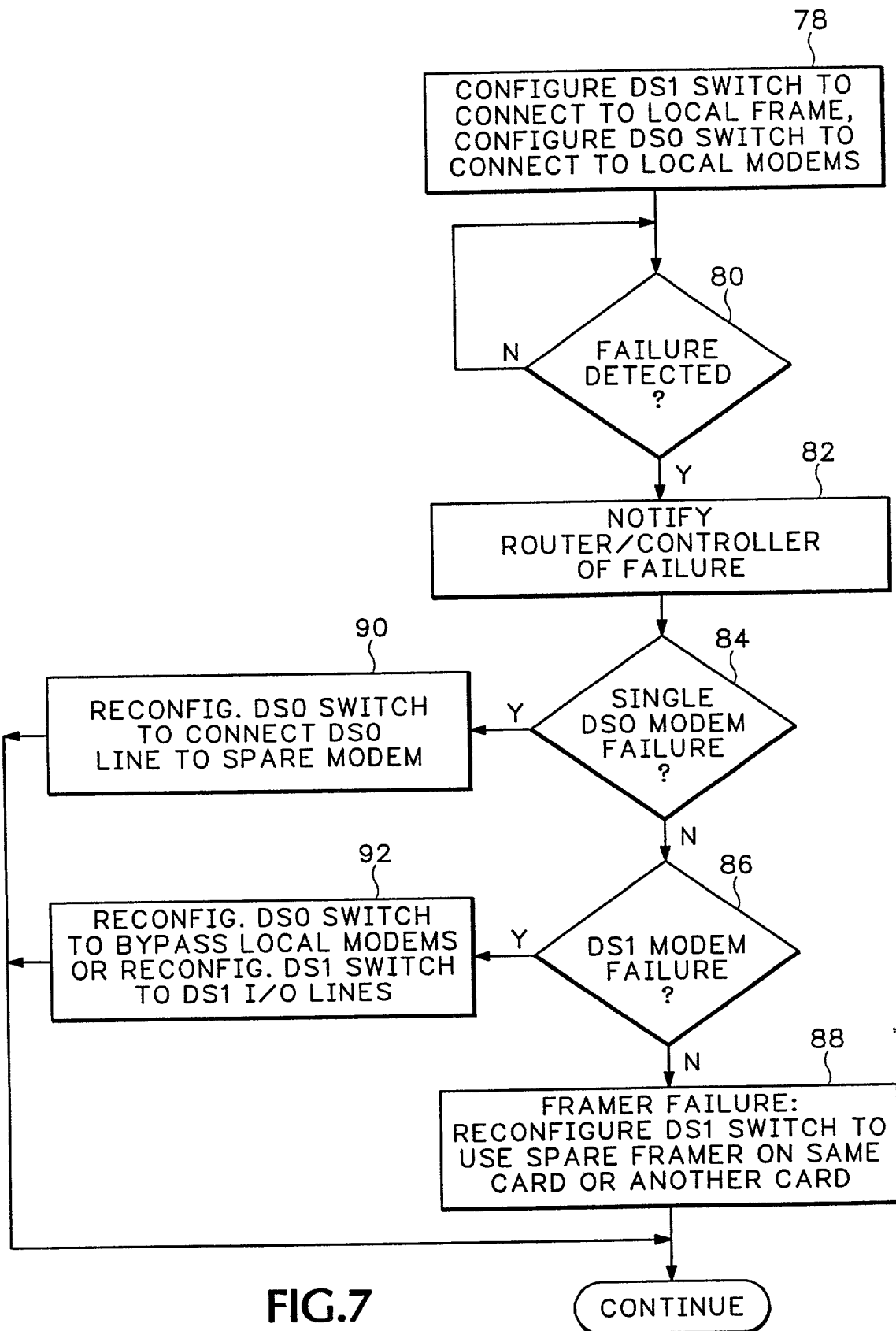


FIG.7